

## **Lecture 18 — Minimum Spanning Trees and Quicksort**

Parallel and Sequential Data Structures and Algorithms, 15-210 (Spring 2013)

*Lectured by Margaret Reid-Miller — 26 March 2013*

### **What was covered in this lecture:**

- Continued minimum spanning trees using graph contraction. Please see the notes from the previous lecture.
- Reviewed quicksort and analyzed the expected work for randomized quicksort. See the notes for the following lecture.

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†Lecture notes by Umut A. Acar, Guy E Blelloch, Margaret Reid-Miller, and Kanat Tangwongsan.